

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
 Data File : BM042982.D
 Acq On : 24 Nov 2023 16:46
 Operator : MA/JU
 Sample : 05264-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKV3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :mohammad ahmed 11/28/2023

Quant Time: Nov 24 17:52:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 15:22:31 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.902	152	600	0.400	ng/ul	0.02
4) Naphthalene-d8	10.623	136	2096	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.461	164	1273m	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	2627	0.400	ng/ul	0.00
17) Chrysene-d12	21.409	240	2005	0.400	ng/ul	-0.01
23) Perylene-d12	23.767	264	2625	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.168	96	738	0.802	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.289	152	954m	0.340	ng/ul	0.04
18) Fluoranthene-d10	19.249	212	2499	0.342	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.673	128	35686	6.264	ng/ul#	82
10) Acenaphthylene	14.192	152	16056	2.471	ng/ul#	91
11) Acenaphthene	14.521	153	51454	10.453	ng/ul	96
12) Fluorene	15.529	166	15271	3.021	ng/ul#	97
15) Phenanthrene	17.272	178	11646	1.554	ng/ul	94
16) Anthracene	17.378	178	13680	1.926	ng/ul#	91
19) Fluoranthene	19.276	202	38056	3.348	ng/ul#	92
20) Pyrene	19.648	202	31702	2.623	ng/ul#	92
21) Benzo(a)anthracene	21.394	228	10631	1.634	ng/ul	95
22) Chrysene	21.447	228	21682	1.790	ng/ul	94
24) Benzo(b)fluoranthene	23.034	252	10263	1.159	ng/ul	83
25) Benzo(k)fluoranthene	23.086	252	11090	0.909	ng/ul#	87
26) Benzo(a)pyrene	23.659	252	21541	2.228	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.205	276	27793	2.124	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.225	278	28209	2.787	ng/ul#	74
29) Benzo(g,h,i)perylene	26.963	276	50252	3.948	ng/ul#	87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

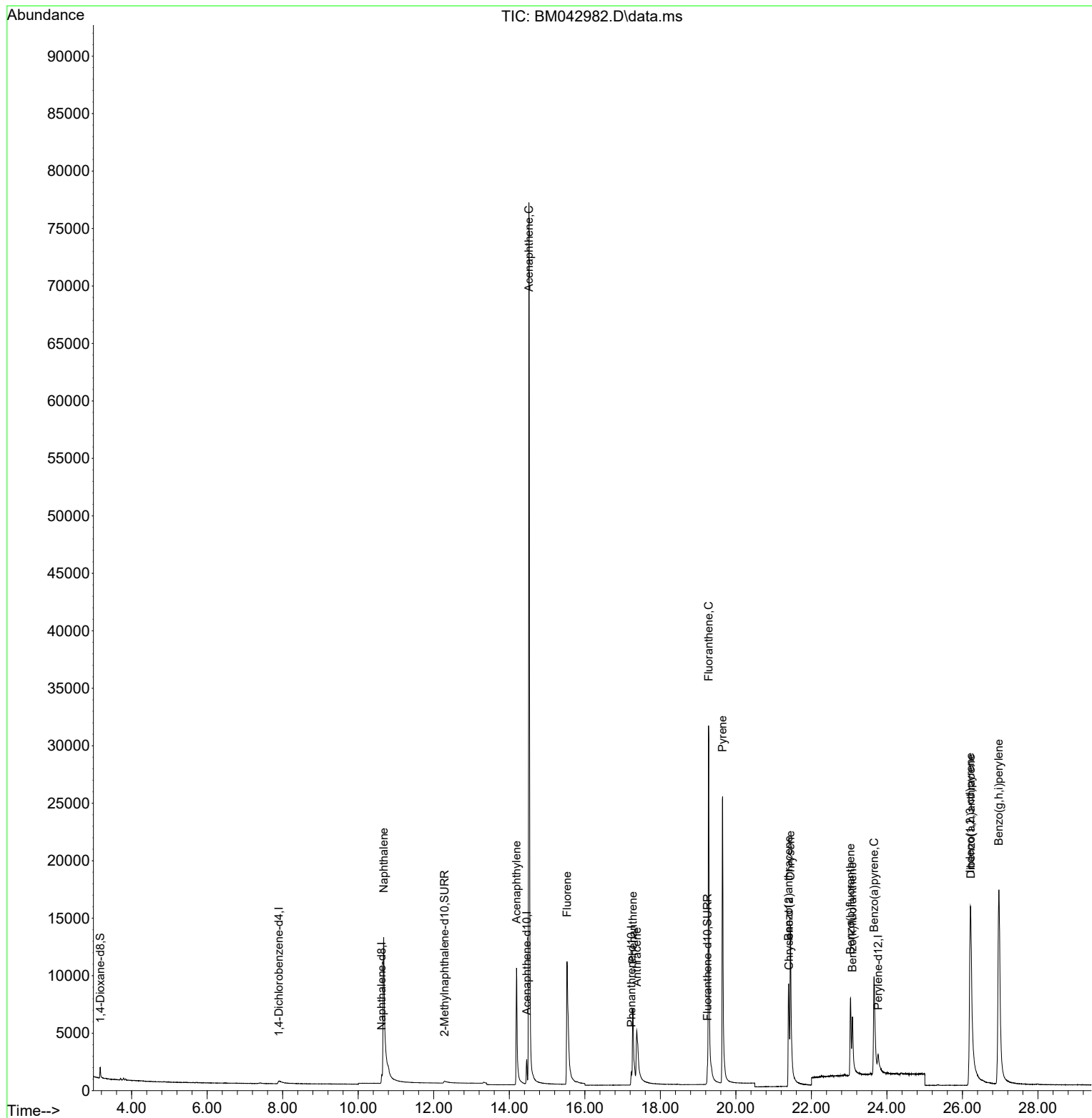
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112423\
Data File : BM042982.D
Acq On : 24 Nov 2023 16:46
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Sample : 05264-02
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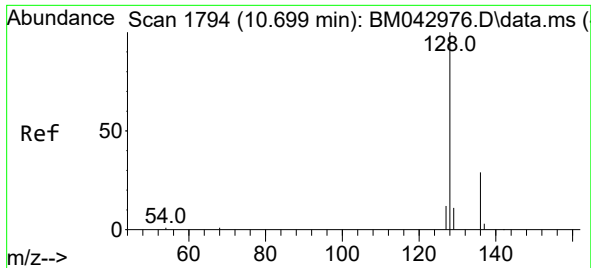
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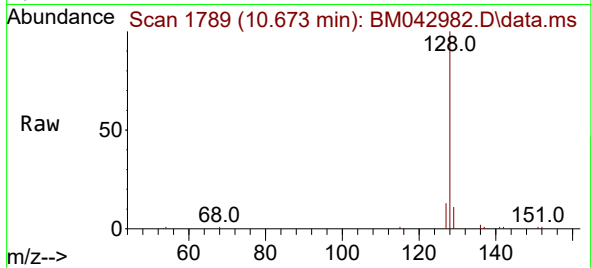
Quant Time: Nov 24 17:52:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:22:31 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 6.264 ng/ul
RT: 10.673 min Scan# 1789
Delta R.T. -0.026 min
Lab File: BM042982.D
Acq: 24 Nov 2023 16:46

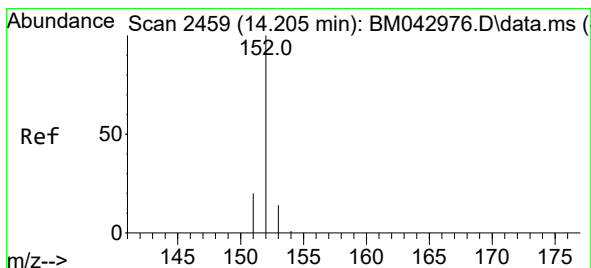
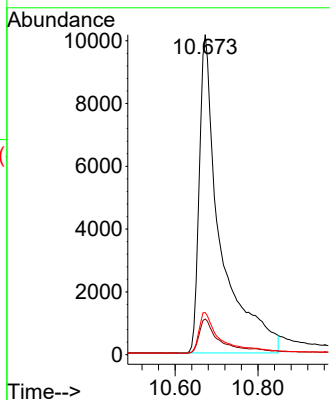
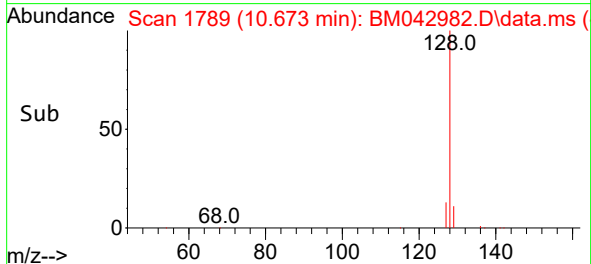
Instrument :
BNA_M
ClientSampleId :
DCKV3



Tgt Ion:128 Resp: 35680
Ion Ratio Lower Upper
128 100
129 11.2 16.0 24.0
127 13.2 16.5 24.7

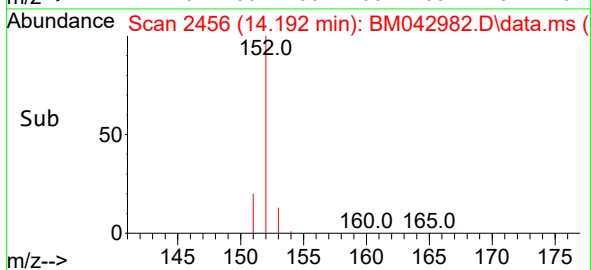
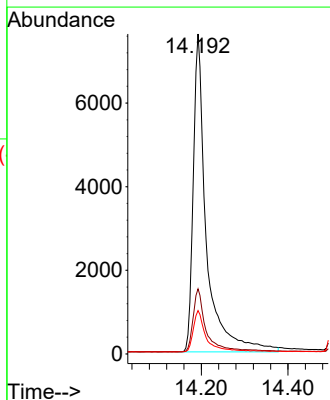
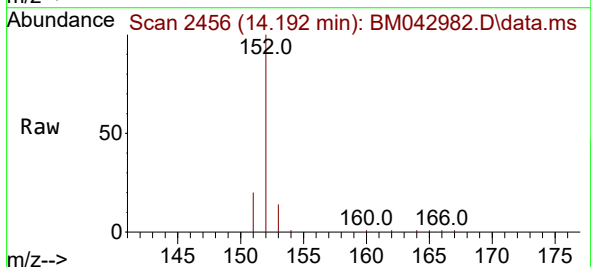
Manual Integrations
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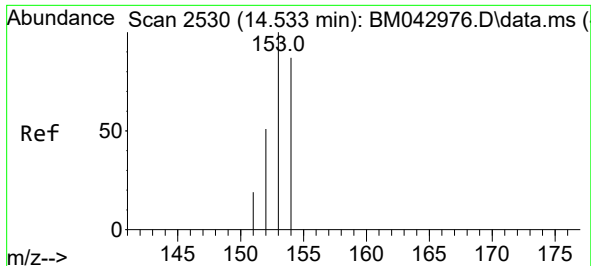
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#10
Acenaphthylene
Concen: 2.471 ng/ul
RT: 14.192 min Scan# 2456
Delta R.T. -0.012 min
Lab File: BM042982.D
Acq: 24 Nov 2023 16:46

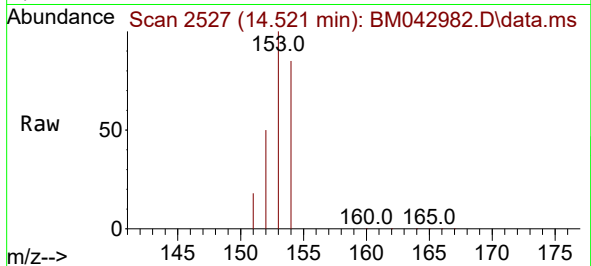
Tgt Ion:152 Resp: 16056
Ion Ratio Lower Upper
152 100
151 20.3 19.4 29.0
153 13.5 14.6 21.8





#11
Acenaphthene
Concen: 10.453 ng/ul
RT: 14.521 min Scan# 2145
Delta R.T. -0.012 min
Lab File: BM042982.D
Acq: 24 Nov 2023 16:46

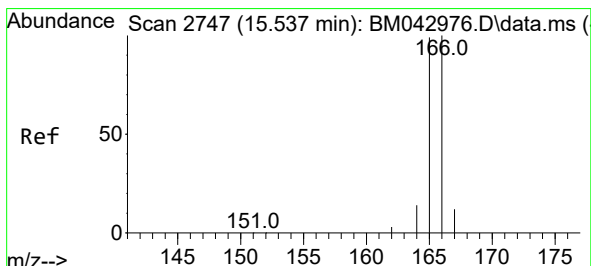
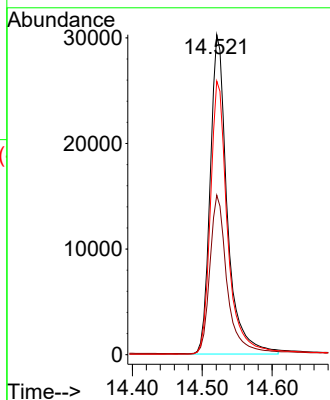
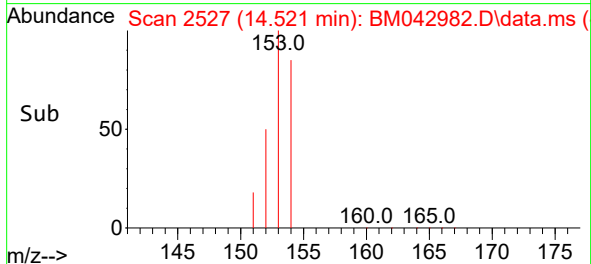
Instrument :
BNA_M
ClientSampleId :
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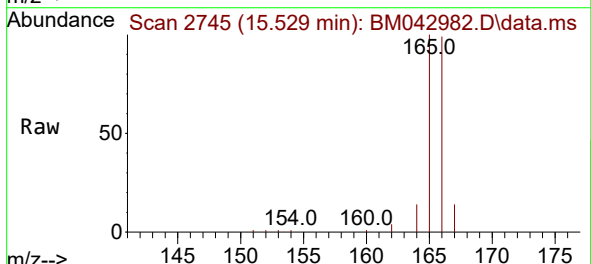
Tgt Ion:153 Resp: 51454
Ion Ratio Lower Upper
153 100
152 49.8 43.9 65.9
154 85.5 70.6 105.8

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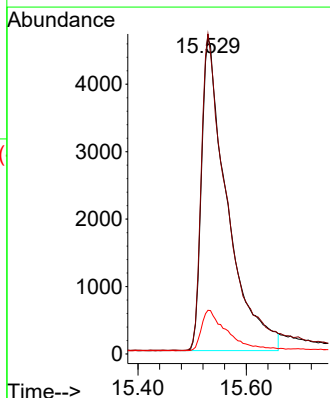
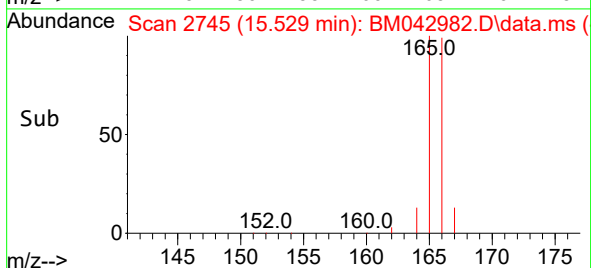
Reviewed By :Yogesh Patel 11/27/2023
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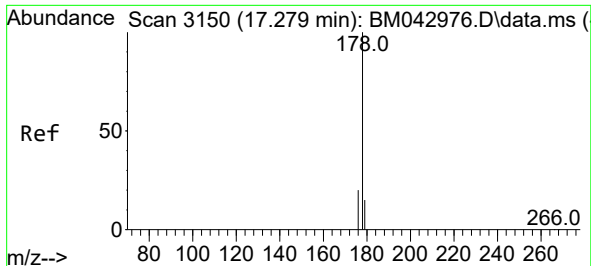


#12
Fluorene
Concen: 3.021 ng/ul
RT: 15.529 min Scan# 2745
Delta R.T. -0.008 min
Lab File: BM042982.D
Acq: 24 Nov 2023 16:46



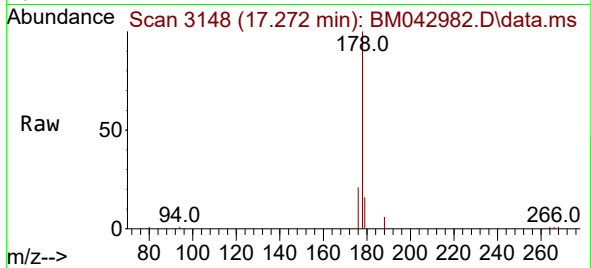
Tgt Ion:166 Resp: 15271
Ion Ratio Lower Upper
166 100
165 101.3 79.9 119.9
167 13.8 14.2 21.4#





#15
Phenanthrene
Concen: 1.554 ng/ul
RT: 17.272 min Scan# 3150
Delta R.T. -0.007 min
Lab File: BM042982.D
Acq: 24 Nov 2023 16:46

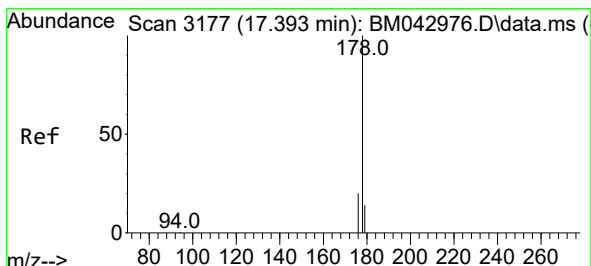
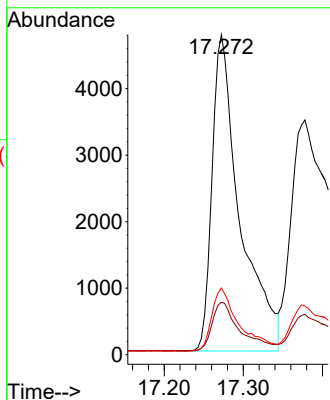
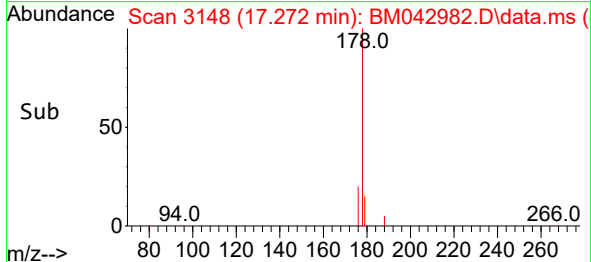
Instrument :
BNA_M
ClientSampleId :
DCKV3



Tgt Ion:178 Resp: 11640
Ion Ratio Lower Upper
178 100
179 16.4 15.7 23.5
176 20.8 18.9 28.3

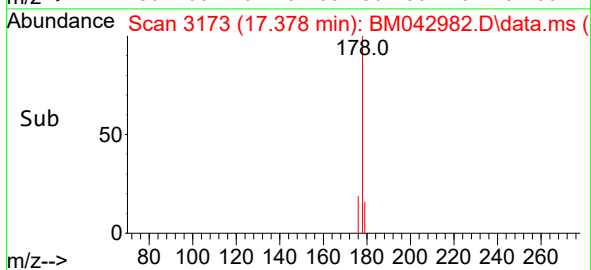
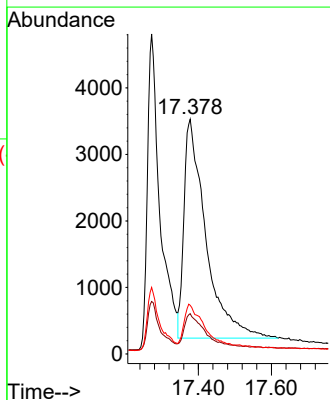
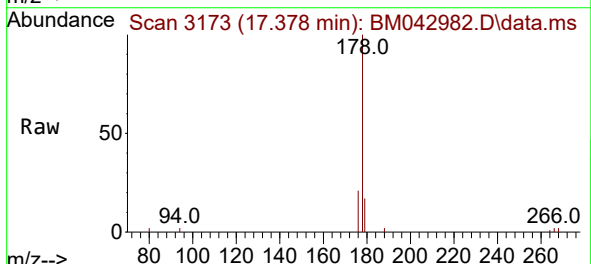
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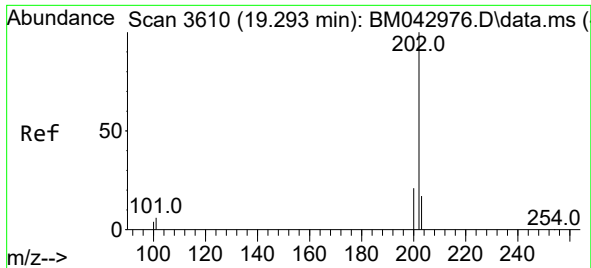
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#16
Anthracene
Concen: 1.926 ng/ul
RT: 17.378 min Scan# 3173
Delta R.T. -0.015 min
Lab File: BM042982.D
Acq: 24 Nov 2023 16:46

Tgt Ion:178 Resp: 13680
Ion Ratio Lower Upper
178 100
179 17.2 17.3 25.9#
176 20.7 20.5 30.7





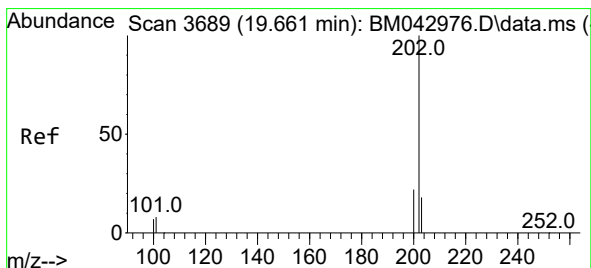
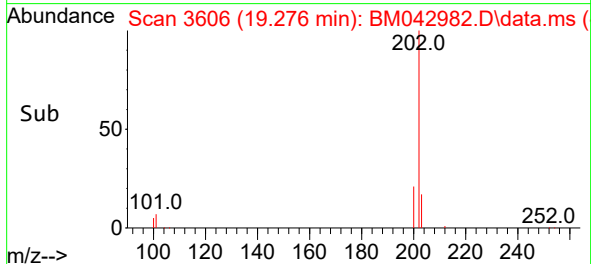
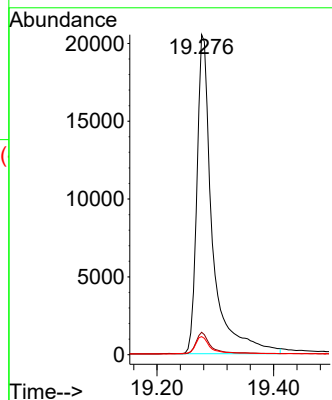
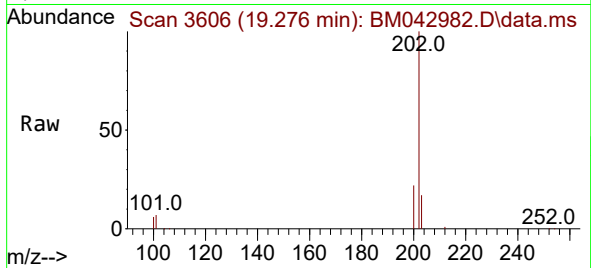
#19
Fluoranthene
Concen: 3.348 ng/ul
RT: 19.276 min Scan# 3606
Delta R.T. -0.017 min
Lab File: BM042982.D
Acq: 24 Nov 2023 16:46

Instrument :
BNA_M
ClientSampleId :
DCKV3

Tgt Ion:202 Resp: 3805
Ion Ratio Lower Upper
202 100
101 7.0 7.8 11.8#
100 5.7 7.1 10.7#

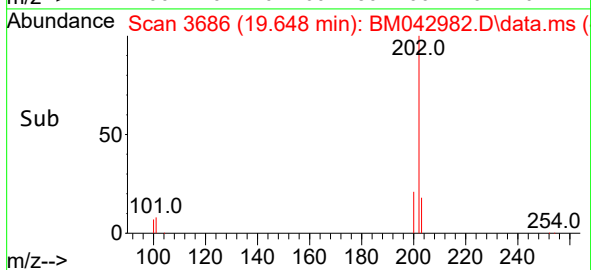
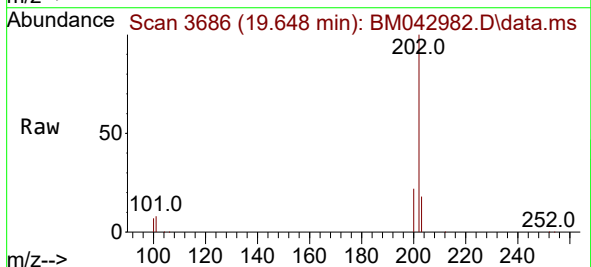
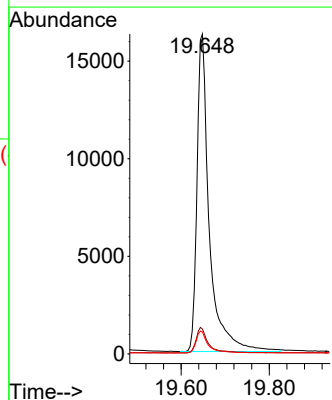
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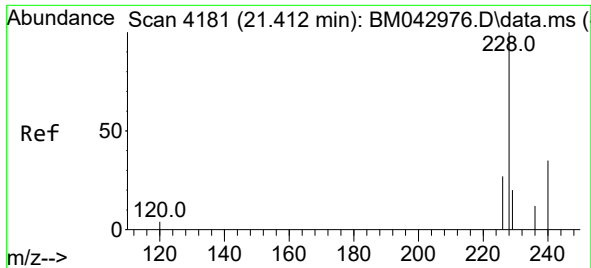
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#20
Pyrene
Concen: 2.623 ng/ul
RT: 19.648 min Scan# 3686
Delta R.T. -0.012 min
Lab File: BM042982.D
Acq: 24 Nov 2023 16:46

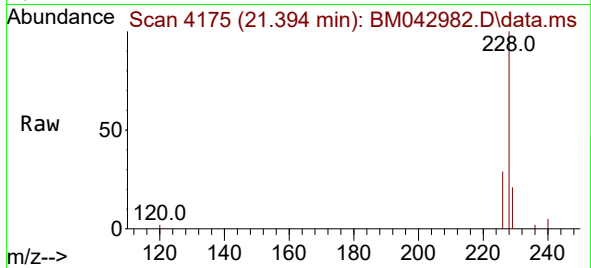
Tgt Ion:202 Resp: 31702
Ion Ratio Lower Upper
202 100
101 7.8 8.7 13.1#
100 6.8 7.8 11.8#





#21
Benzo(a)anthracene
Concen: 1.634 ng/ul
RT: 21.394 min Scan# 4181
Delta R.T. -0.018 min
Lab File: BM042982.D
Acq: 24 Nov 2023 16:46

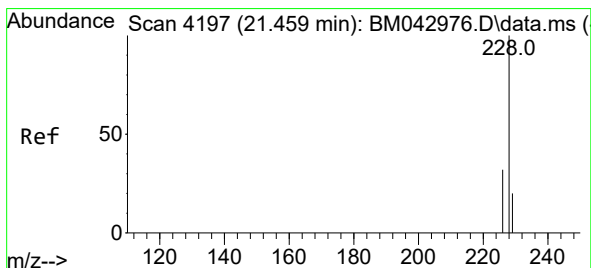
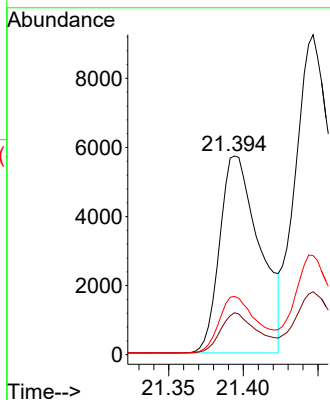
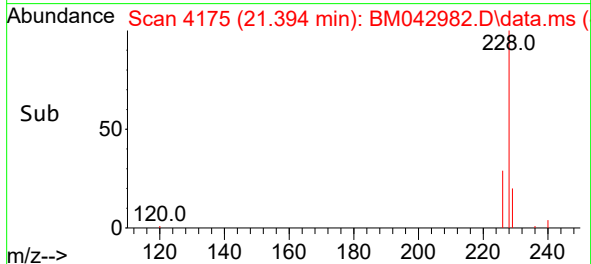
Instrument :
BNA_M
ClientSampleId :
DCKV3



Tgt Ion:228 Resp: 1063
Ion Ratio Lower Upper
228 100
229 21.1 19.4 29.0
226 29.3 24.9 37.3

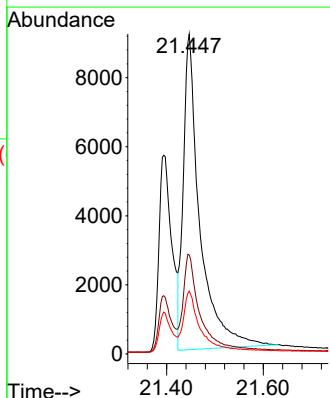
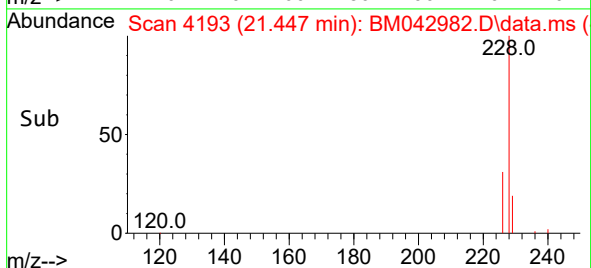
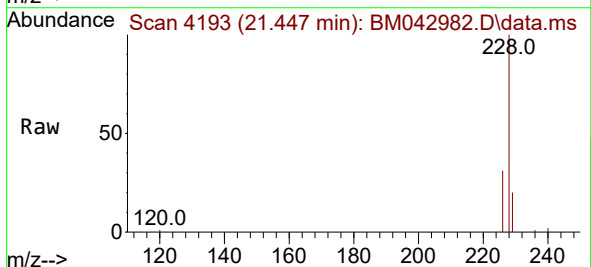
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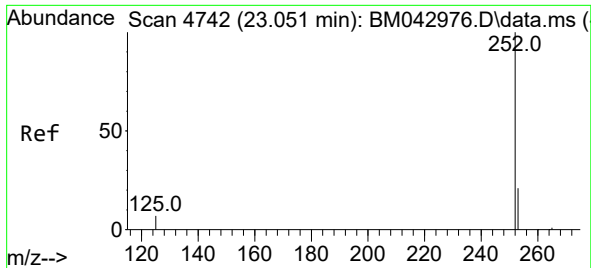
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#22
Chrysene
Concen: 1.790 ng/ul
RT: 21.447 min Scan# 4193
Delta R.T. -0.012 min
Lab File: BM042982.D
Acq: 24 Nov 2023 16:46

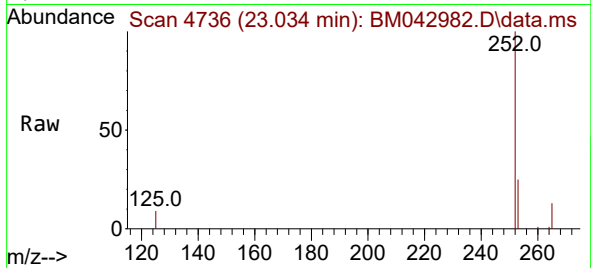
Tgt Ion:228 Resp: 21682
Ion Ratio Lower Upper
228 100
226 31.0 27.2 40.8
229 19.7 18.0 27.0





#24
Benzo(b)fluoranthene
Concen: 1.159 ng/ul
RT: 23.034 min Scan# 4736
Delta R.T. -0.018 min
Lab File: BM042982.D
Acq: 24 Nov 2023 16:46

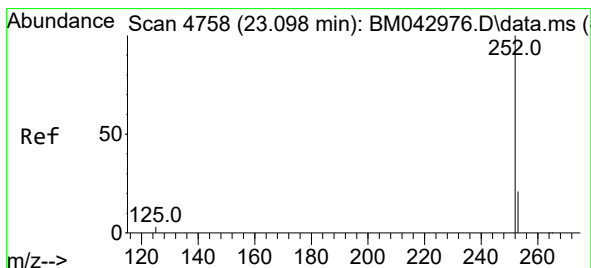
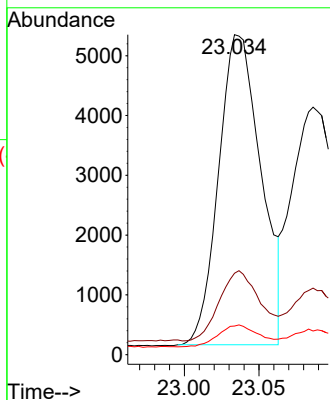
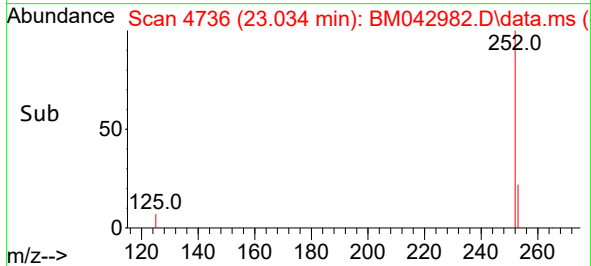
Instrument :
BNA_M
ClientSampleId :
DCKV3



Tgt Ion:252 Resp: 1026
Ion Ratio Lower Upper
252 100
253 25.4 0.0 71.8
125 9.0 0.0 29.0

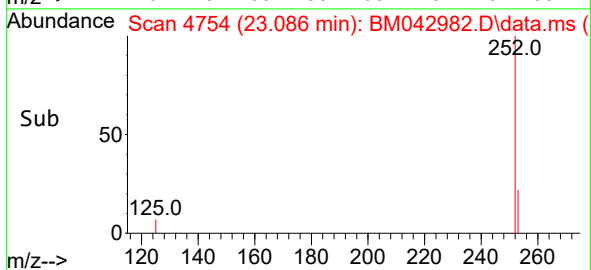
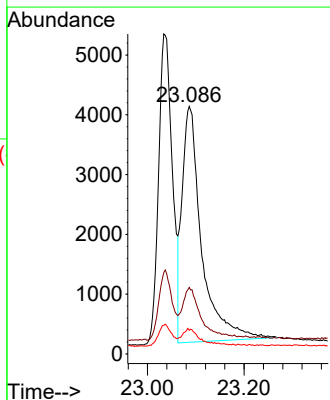
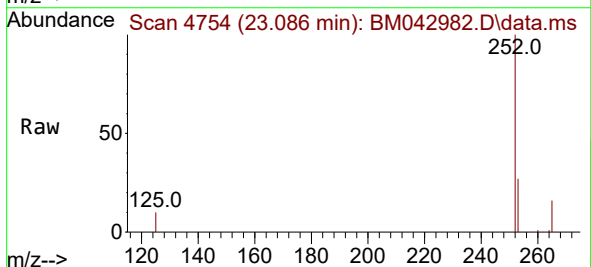
Manual Integrations
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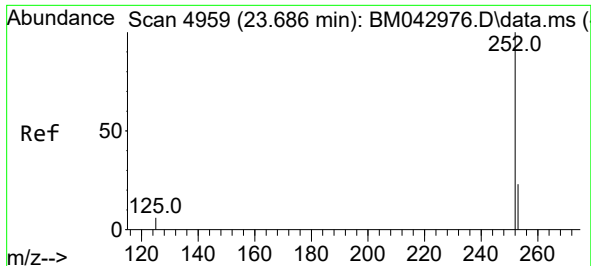
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#25
Benzo(k)fluoranthene
Concen: 0.909 ng/ul
RT: 23.086 min Scan# 4754
Delta R.T. -0.012 min
Lab File: BM042982.D
Acq: 24 Nov 2023 16:46

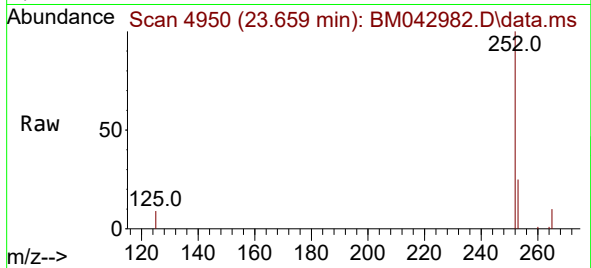
Tgt Ion:252 Resp: 11090
Ion Ratio Lower Upper
252 100
253 26.9 28.2 42.2#
125 9.6 11.0 16.6#





#26
Benzo(a)pyrene
Concen: 2.228 ng/ul
RT: 23.659 min Scan# 4959
Delta R.T. -0.026 min
Lab File: BM042982.D
Acq: 24 Nov 2023 16:46

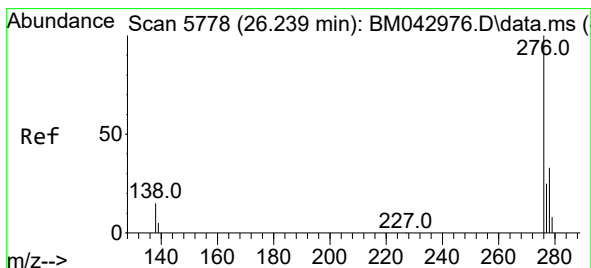
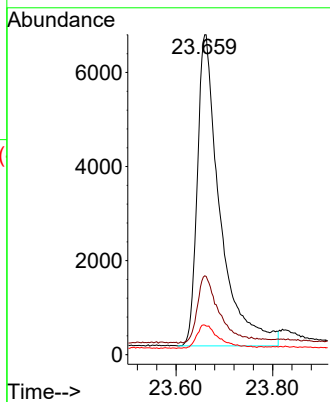
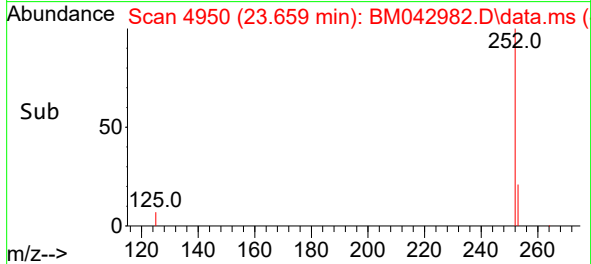
Instrument :
BNA_M
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DCKV3



Tgt Ion:252 Resp: 2154
Ion Ratio Lower Upper
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253 24.6 36.6 55.0#
125 9.2 16.2 24.4#

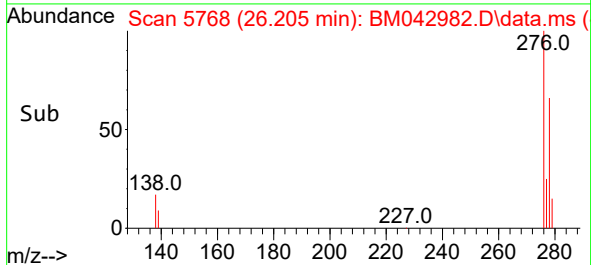
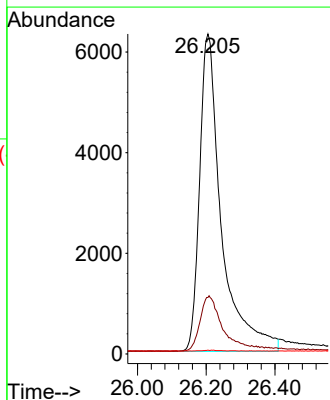
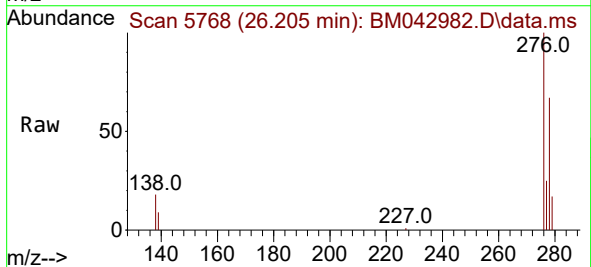
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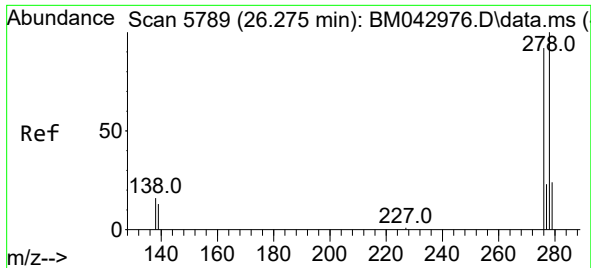
Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.124 ng/ul
RT: 26.205 min Scan# 5768
Delta R.T. -0.034 min
Lab File: BM042982.D
Acq: 24 Nov 2023 16:46

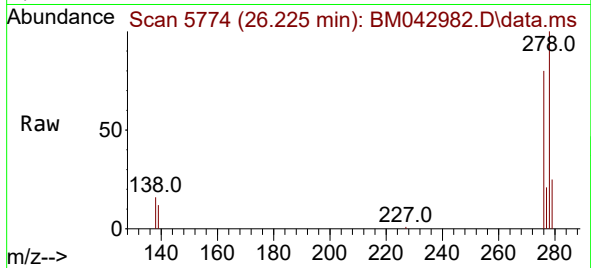
Tgt Ion:276 Resp: 27793
Ion Ratio Lower Upper
276 100
138 18.9 0.0 0.0#
227 0.1 0.2 0.2#





#28
Dibenzo(a,h)anthracene
Concen: 2.787 ng/ul
RT: 26.225 min Scan# 51
Delta R.T. -0.050 min
Lab File: BM042982.D
Acq: 24 Nov 2023 16:46

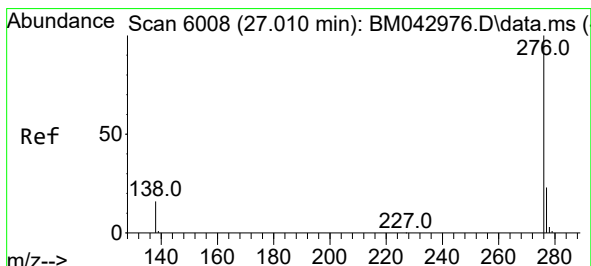
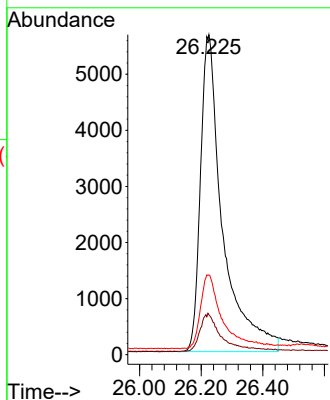
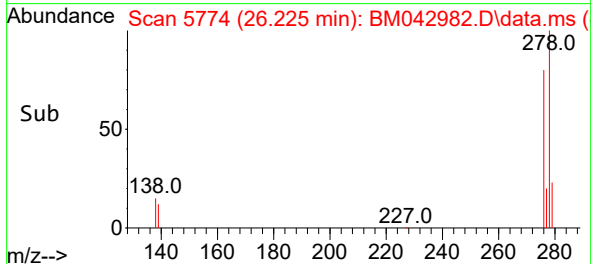
Instrument :
BNA_M
ClientSampleId :
DCKV3



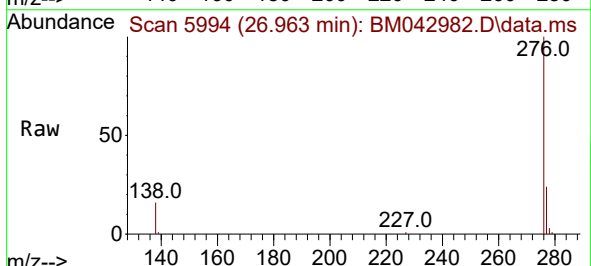
Tgt Ion:278 Resp: 28209
Ion Ratio Lower Upper
278 100
139 12.5 18.1 27.1#
279 25.0 34.4 51.6#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023



#29
Benzo(g,h,i)perylene
Concen: 3.948 ng/ul
RT: 26.963 min Scan# 5994
Delta R.T. -0.047 min
Lab File: BM042982.D
Acq: 24 Nov 2023 16:46



Tgt Ion:276 Resp: 50252
Ion Ratio Lower Upper
276 100
138 15.5 17.8 26.8#
277 23.5 23.8 35.8#

